

Manganese is a listed hazardous substance under Superfund, and is a naturally occurring element found in rock, soil, water, and food. In humans and animals, manganese is an essential nutrient. Taking into account that most individuals consume 2,000-5,000 ug Mn/day in their diet, EPA suggests that doses of Manganese from drinking water should be around 1680 ug/day. EPA's drinking water data at Dimock show 2 home wells where concentrations of manganese exceeded 320 ug/L (EPA's trigger for screening). The highest was 947 ug/L, although the corresponding tap sample was 1 ug/L after treatment. Most manganese concentrations in the EPA drinking water samples were below 200 ug/L.